

IN THE UNITED STATES PATENT AND  
TRADEMARK OFFICE

#4/2 month ext  
1/28/00  
amdt 13  
PATENT Dec.

Applicants: Sugiyama, et al.

Serial No.: 08/960,431

Filed: October 10, 1997

FOR: FLATTENING METHOD AND  
FLATTENING APPARATUS  
OF A SEMICONDUCTOR  
DEVICE



Docket No.: 30598.0004

Art Unit: 3723

Examiner: Nguyen, G.

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JAN 12 2000  
TECHNOLOGY CENTER 3700

AMENDMENT

Box NON-FEE AMENDMENT  
Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir:

In response to the Office Action dated July 12, 1999, the period of response for which is hereby extended by two-months to Monday, December 13, 1999, please amend the above-identified application as follows:

CLAIMS

1. (Twice Amended) A flattening method of a semiconductor device by a chemical-mechanical polishing process comprising,  
preparing a synthetic resin polishing cloth in a circular form and a tool for forming a surface layer of the synthetic resin polishing cloth to have fluff thereon in a polishing process, said tool having [an annular shape with] a diameter less than a radial length of the polishing cloth, and  
rotating the polishing cloth along a central axis thereof and pressing the tool on a radial portion of the polishing cloth, said tool being moved along the polishing cloth to thereby form the fluff on the polishing cloth so that the polishing cloth can evenly and continuously polish the semiconductor device.

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CERTIFICATE OF MAILING PURSUANT TO 37 C.F.R. §1.8

I hereby certify that this correspondence, pursuant to 37 C.F.R. §1.8, is being deposited with the United States Postal Service as first class mail in an envelope addressed to: Assistant Commissioner for Patents, Washington, D.C. 20231, on:

Date: December 13, 1999

By Suzi Masore



IN THE UNITED STATES PATENT AND  
TRADEMARK OFFICE

PATENT

RESPONSE TRANSMITTAL

Applicant(s): Sugiyama, et al  
Serial No.: 08/960,431  
Filing Date: October 10, 1997  
TITLE: FLATTENING METHOD AND FLATTENING  
APPARATUS OF A SEMICONDUCTOR  
DEVICE

Docket No.: 30598.0004  
Group Art Unit: 3723  
Examiner: Nguyen, G.

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JAN 12 2000  
TECHNOLOGY CENTER 3700

Assistant Commissioner for Patents  
Washington, D.C. 20231

Dear Sir/Madam:

Attached herewith is a Response to the Office Action mailed on July 12, 1999 in the above-identified application.

FEE CALCULATION, CLAIMS AS AMENDED:

	Claims remaining after amendment		Highest number previously paid for		Present Extra		Additional Fee
Total Effective Claims	21	minus	21	=	0	x \$ 18.00 =	0.00
Independent Claims	4	minus	4	=	0	x \$ 78.00 =	0.00
If amendment enters proper multiple dependent claim(s) into this application for first time (per application)						\$260.00 +	N/A

Subtotal: 0.00

01/10/2000 YGIZAW 00000068 192814 08960431

01 FC:116 380.00 CH

**Fee Calculation: Request for Extension of Time pursuant to 37 C.F.R. §1.136(a)**

<input type="checkbox"/>	Response filed within <b>first</b> month after due date - add	\$ 110.00
<input checked="" type="checkbox"/>	Response filed within <b>second</b> month after due date - add	\$ 380.00
<input type="checkbox"/>	Response filed within <b>third</b> month after due date - add	\$ 870.00
<input type="checkbox"/>	Response filed within <b>fourth</b> month after due date - add	\$1360.00
<input type="checkbox"/>	Response filed within <b>fifth</b> month after due date - add	\$1850.00
<b>TOTAL:</b>		<b>\$ 380.00</b>

If one of the "small entity" boxes above is checked, enter half (½) of the second subtotal and **subtract**. N/A

Information Disclosure Statement Pursuant to 37 C.F.R. §§1.97-1.98 N/A

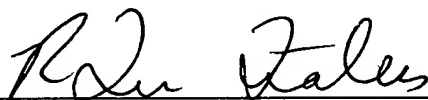
**TOTAL ADDITIONAL FEE ENCLOSED:** \$ 380.00

☒ Please charge Deposit Account No. 19-2814 in the amount of \$ 380.00.  
**A duplicate copy of this sheet is attached.**

☐ Check No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_ is attached.

**This statement does NOT authorize charge of the issue fee.** The Commissioner is hereby authorized to charge any other fee specifically authorized hereafter, or any **deficiency** in the fee(s) filed, or asserted to be filed, or which should have been filed herewith or concerning any paper filed hereafter, and which may be required under 37 C.F.R. §§1.16-1.18 (**deficiency** only) now or hereafter relative to this Application and the resulting Official document under 37 C.F.R. §1.20, or credit any overpayment to Account No. 19-2814 for **which purpose a duplicate copy of this sheet is attached.**

Respectfully submitted,

By   
R. Lee Fraley  
Reg. No. 42,550

Dated 12/13/99

**SNELL & WILMER, L.L.P.**  
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